

MEMORANDUM FOR: All Holders of Engineering Handbook No. 11, Automated Surface Observing System (ASOS)

FROM: W/OPS1 - John McNulty

SUBJECT: Connection of the Automated Surface Observing System (ASOS) to the Federal Aviation Administration (FAA) communication network using codex modems, Errata Sheet 1, Change to Modification Note 45

1. Material Transmitted:

Engineering Handbook No. 11 (EHB-11), ASOS Errata Sheet 1, Change to Modification Note 45

2. Summary:

Alteration and Correction of Modification Note 45

3. Effect on Other Instructions:

Additional ASOS sites are to be added to Modification Note 45 (see Appendices A and B).

ASOS ERRATA SHEET 1 (for Electronics Technicians)

Maintenance Branch

W/OPS12:BGM

Connection of the Automated Surface Observing System (ASOS) to the Federal Aviation Administration (FAA) communication network using codex modems

GENERAL:

This errata sheet adds 29 ASOS codex modem sites to Modification Note 45. These 29 National Weather Service (NWS) ASOS sites are to be connected as part of the transition effort. None of the 29 sites will require an additional serial input/output card.

There are 6 ASOS sites added to Appendix A requiring the installation of an internal codex modem in the ASOS Acquisition Control Unit (ACU). Twenty-three ASOS sites are added to Appendix B requiring the ASOS ACU to be connected externally to the FAA maintained codex modem.

Technicians must coordinate with the FAA point of contact (POC) before scheduling the installation of this modification at any site. The FAA POC is Jerry Kranz [phone: (202) 366-4196, e-mail: Jerry.Kranz@FAA.dot.gov]. Any technical questions should be directed to Billy Whisel (ASOS Maintenance Branch) at (301) 713-1835, x161.

PROCEDURE:

Attach Errata Sheet 1 to Modification Note 45. The additional ASOS sites to be added are listed in Appendices A and B. Follow the instructions in Modification Note 45 for installation. NWS Headquarters issues the internal modems (ASN, S100-1A1-2 & S100-FMK51). All other materials should be obtained locally.

After the codex modem is connected and the ADAS connection is tested, coordinate with the Regional Focal Point to deconfigure the AFOS/AWIPS communications port. Go to the Revue-Site-Config-Comms page. Deconfigure the following Labeled Ports: AFOS Phone; AWIPS Simulator ; AFOS Hardware; AWIPS Hardware.

EFFECT ON OTHER INSTRUCTIONS:

Additional ASOS sites are to be added to Modification Note 45 (see Appendices A and B).

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REPORT MAINTENANCE ACTION:

Report in accordance with Modification Note 45.

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Appendix A

Appendix B

Appendix A

Additional sites requiring connection to INTERNAL codex modem:

| | SID | LOCATION | ST | COMPLETED BY |
|---|-----|--------------|----|--------------|
| 1 | ALO | Waterloo | IA | 07/15/01 |
| 2 | GRI | Grand Island | NE | 07/15/01 |
| 3 | MEI | Meridan | MS | 07/15/01 |
| 4 | RAP | Rapid City | SD | 07/15/01 |
| 5 | RDD | Redding | CA | 07/15/01 |
| 6 | AHN | Athens | GA | 07/15/01 |

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Appendix B

Additional sites requiring connection to EXTERNAL codex modem:

| | SID | LOCATION | ST | COMPLETION DATE |
|----|------------|-----------------|-----------|------------------------|
| 1 | ACT | Waco | TX | 06/15/01 |
| 2 | AGS | Augusta | GA | 06/15/01 |
| 3 | AVL | Asheville | NC | 06/08/01 |
| 4 | BFL | Bakersfield | CA | 06/15/01 |
| 5 | BPT | Beaumont | TX | 07/15/01 |
| 6 | CPR | Casper | WY | 07/15/01 |
| 7 | CSG | Columbus | GA | 06/08/01 |
| 8 | ERI | Erie | PA | 07/15/01 |
| 9 | EUG | Eugene | OR | 06/15/01 |
| 10 | EVV | Evansville | IN | 07/15/01 |
| 11 | FSM | Ft. Smith | AR | 07/15/01 |
| 12 | HLN | Helena | MT | 07/15/01 |
| 13 | ILG | Wilmington | DE | Completed |
| 14 | IPT | Williamsport | PA | 07/15/01 |
| 15 | MLI | Moline | IL | 07/15/01 |
| 16 | OLM | Olympia | WA | 06/15/01 |
| 17 | PWM | Portland | ME | 07/15/01 |
| 18 | RBL | Red Bluff | CA | Completed |
| 19 | RST | Rochester | MN | 07/15/01 |
| 20 | SHR | Sheridan | WY | 07/15/01 |
| 21 | SLE | Salem | OR | 07/15/01 |
| 22 | SPI | Springfield | IL | 06/08/01 |
| 23 | SUX | Sioux City | IA | 06/15/01 |